



Innovative Photonic Solutions

LED Lightbars

**Solid State
Web Lighting**

KEY FEATURES

- Current Regulated Circuitry
- No "Burn-Out" Design
- Maintenance Free Operation
- Long Lifetime (100,000 Hrs)
- Superior Uniformity +/-10%
- Rugged NEMA 12 Design
- Frontlight and Backlight Models

CUSTOM OPTIONS

- Analog Remote Intensity
- Custom Profile for Lens Roll-off
- Lengths up to 3 meters

APPLICATIONS

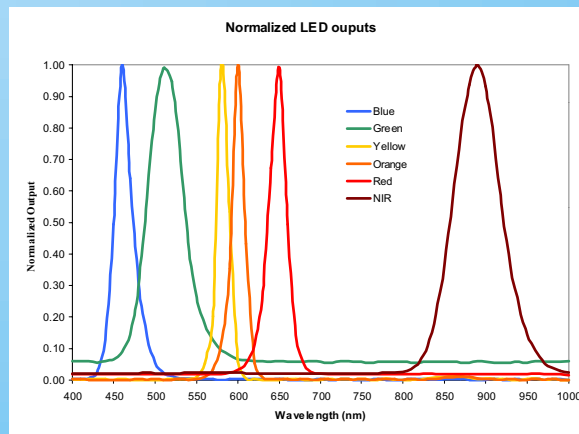
- Rolled Metals
- Rolled Plastics
- Glass Inspection
- Edge Detection
- Transparent Object Inspection



LED's for Linescan

The **5900** Series provides robust and reliable solid state lighting for a host of automated imaging applications. Just supply the unit with 24VDC through the environmentally protected connector.

The **5900** series comes in a variety of standard spectral outputs to meet most requirements. With the most powerful output in the industry, the **5900**

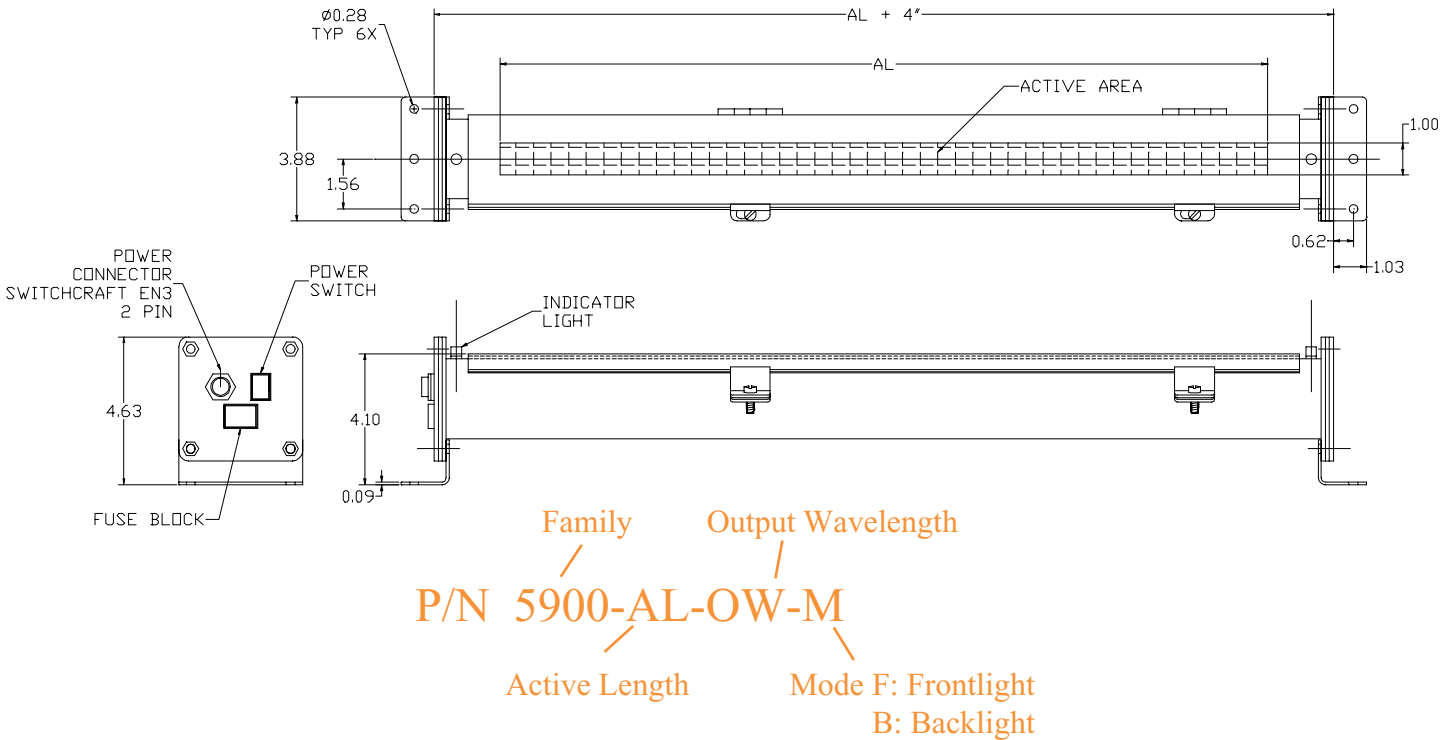


illuminates objects as far as 10 feet (3m) away and as close as 12 inches (300mm) with excellent uniformity. Solid state technology means no maintenance or relamping required for up to 10 years. Customized units are available for specialized wavelength requirements - contact factory for pricing and delivery info.

LED Wavelength Options

LED Products

Detail Drawings



Lighting Systems in Lengths up to 3 meters!

Technical Specifications

Physical

Height: 4.63" (117.6 mm)
 Width: 3.88" (98.5mm)
 Active Length AL
 Enclosure Length: AL + 4"

Electrical

Input Voltage: 24 VDC
 Current: Unit Dependent

Standard Sizes

20" (Active) 5900-20-OW-M
 44" (Active) 5900-44-OW-M
 68" (Active) 5900-68-OW-M

Output Wavelength (OW)

5900-AL-R-M Red, 660nm
 5900-AL-O-M Orange, 620nm
 5900-AL-Y-M Yellow, 590nm
 5900-AL-G-M Green, 525nm
 5900-AL-B-M Blue, 470nm
 5900-AL-W-M 400 - 700nm
 5900-AL-IR-M IR, 880nm

Environmental

Temperature: 0 to 40C
 Rel Humidity: 0 to 95%

Lifetime

100,000 Hours

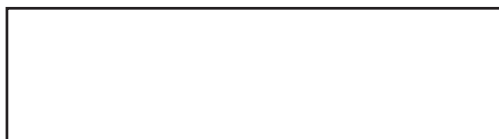
Mounting

Hardware: L-Brackets

Construction

Material Painted Steel
 NEMA Rating 12
 European Rating IP65

Proudly Distributed By:



Innovative Photonic Solutions

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